



01-18-02 A

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	EMCORE 3.0-069
First Inventor	Alexander Gurary
Title	REACTOR HAVING A MOVABLE SHUTTER
Express Mail Label No.	EL804517375US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status
See 37 CFR 1.27
3. Specification [Total Pages **21**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets **4**]
5. Oath or Declaration [Total Pages]
 - a Newly executed (original or copy)
 - b Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet See 37 CFR 1.76

BOX Patent Application
ADDRESS TO: Commissioner for Patents
Washington, DC 20231

7.	<input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
8.	<input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>	
a	<input type="checkbox"/> Computer Readable Form (CRF)	
b	<input type="checkbox"/> Specification Sequence Listing on i. <input type="checkbox"/> CD-ROM or CD-R (2 copies), or ii. <input type="checkbox"/> paper	
c	<input type="checkbox"/> Statements verifying identity of above copies	
ACCOMPANYING APPLICATIONS PARTS		
9.	<input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10.	<input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i>	<input type="checkbox"/> Power of Attorney
11.	<input type="checkbox"/> English Translation Document (<i>if applicable</i>)	
12.	<input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
13.	<input type="checkbox"/> Preliminary Amendment	
14.	<input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
15.	<input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
16.	<input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i) <i>Applicant must attach form PTO/SB/35 or its equivalent</i>	
17.	<input checked="" type="checkbox"/> other: Unexecuted Declaration	

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

 Continuation Divisional Continuation-in-part (CIP) of prior application No. _____

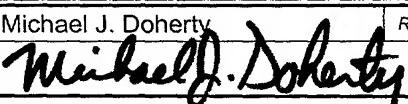
Prior application information Examiner _____

Group / Art Unit. _____

For CONTINUATION or DIVISIONAL APPS only The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	 000530		or <input type="checkbox"/> Correspondence address below
Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Michael J. Doherty	Registration No. (Attorney/Agent)	40,592
Signature			
	Date	January 16, 2002	

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26

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision. Application claims small entity status See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 956.00)**Complete if Known**

Application Number	Not Yet Assigned
Filing Date	
First Named Inventor	Alexander Gurary
Examiner Name	Not Yet Assigned
Group Art Unit	N/A
Attorney Docket No.	EMCORE 30-069

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number 12-1095

Deposit Account Name Lerner, David, Littenberg,
Krumholz & Mentlik, LLP

The Commissioner is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEES CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	920	217	460
118	1,440	218	720
128	1,960	228	980
119	320	219	160
120	320	220	160
121	280	221	140
138	1,510	138	1,510
140	110	240	55
141	1,280	241	640
142	1,280	242	640
143	460	243	230
144	620	244	310
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	740	246	370
149	740	249	370
179	740	279	370
169	900	169	900
Other fee (specify)			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0 00)

**or number previously paid, if greater, For Reissues, see above

Complete (if applicable)

SUBMITTED BY	Michael J. Doherty	Registration No (Attorney/Agent)	40,592	Telephone	(908) 518-6337
Signature	<i>Michael J. Doherty</i>			Date	January 16, 2002